

Claims

- [c1] A diagnostic system for a data acquisition system comprising:
a computer controller coupled to the data acquisition system;
a display device coupled to the computer controller;
said controller receiving data from said data acquisition system, diagnosing a problem in response to said data, said controller generating a screen display corresponding to an architectural representation of the data acquisition system, said controller generating a screen indicia on said display device corresponding to a location of a problem on the schematic representation of the data acquisition system.
- [c2] A diagnostic system as recited in claim 1 wherein said data is stored in a memory
A diagnostic system as recited in claim 1 wherein said data is communicated from said data acquisition system.
- [c3] A diagnostic system as recited in claim 1 further comprising a network coupling said computer controller and said data acquisition system.
- [c4] A diagnostic system as recited in claim 4 wherein said network comprises a public service telephone network.
- [c5] A diagnostic system as recited in claim 1 wherein said network comprises the Internet.
- [c6] A diagnostic system as recited in claim 1 wherein said controller has a web browser, said controller generating the screen indicia through said web browser.
- [c7] A system comprising:
a diagnostic system;
a data acquisition system coupled to the diagnostic system;
a computer controller coupled to the data acquisition system;
a display device coupled to the computer controller;
said controller receiving data from said data acquisition system, diagnosing a problem in response to said data, said controller generating a screen display

corresponding to an architectural representation of the data acquisition system, said controller generating a screen indicia on said display device corresponding to a location of a problem on the schematic representation of the data acquisition system.

- [c8] A computed tomography system comprising a system as recited in claim 8.
- [c9] A system as recited in claim 8 further comprising a computed tomography system, the data acquisition system is disposed with the computed tomography system.
- [c10] A system as recited in claim 10 wherein the computed tomography system comprises a detector assembly, said data acquisition system disposed within said detector assembly.
- [c11] A system as recited in claim 8 wherein said data is stored in a memory.
- [c12] A system as recited in claim 8 wherein said data is communicated from said data acquisition system.
- [c13] A system as recited in claim 8 wherein said data acquisition system is located remotely from said diagnostic system.
- [c14] A system as recited in claim 8 further comprising a network coupling said computer controller and said data acquisition system.
- [c15] A system as recited in claim 8 wherein said controller has a web browser, said controller generating the screen indicia through said web browser.
- [c16] A method for operating a diagnostic system comprising:
receiving data from a data acquisition system;
diagnosing a problem in response to said data;
generating a screen display corresponding to an schematic representation of the data acquisition system; and
generating a screen indicator on said display device corresponding to a location of a problem on the schematic representation of the data acquisition system.
- [c17] A method as recited in claim 17 wherein receiving data comprises receiving data

through an interface,

A method as recited in claim 17 wherein said data acquisition system is disposed within a CT system.

[c18]

A method as recited in claim 17 wherein receiving data comprises remotely receiving data.

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